



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Utility Patent Application Transmittal Letter

PATENT

March 12, 1997
30473/RDS

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ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Enclosed for filing is a patent application (specification, claims, Declaration and Power of Attorney):

ENTITLED : **ROCK BIT WITH HARDFACING MATERIAL INCORPORATING SPHERICAL CAST CARBIDE PARTICLES**

INVENTOR(S) : Dah-Ben Liang, Alysia C. White, Zhigang Fang, and Jiinjen Albert Sue

___ This application is a ___ of patent Application No. ___, filed ___. *(A copy of this letter is enclosed for filing in the prior application file.)*

x This application claims priority of provisional patent Application Nos. 60/014,731, filed March 12, 1996, and 60/014,225, filed March 27, 1996. *(A copy of this letter is enclosed for filing in the prior application file.)*

CALCULATION OF FEES				
ITEM	NUMBER OF CLAIMS FILED MINUS BASE*	NUMBER OF CLAIMS OVER BASE X RATE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	27 - 20* =	7 x \$11.00	\$77.00	
B INDEPENDENT CLAIMS FEE**	3 - 3* =	-0- x \$40.00	-0-	
C SUBTOTAL		SMALL ENTITY FEE = A + B LARGE ENTITY FEE = 2 X (A + B)		\$154.00
D BASIC FEE*		SMALL ENTITY FEE = \$385.00 LARGE ENTITY FEE = \$770.00		\$770.00
E MULTIPLE-DEPENDENT CLAIMS FEE		SMALL ENTITY FEE = \$130.00 LARGE ENTITY FEE = \$260.00		-0-
F TOTAL FEE (ADD LINES C, D, AND E)				\$924.00

**List Independent Claims: 1, 12, and 23

___ This application is incomplete because:

___ No filing fee enclosed. (If no filing fee is enclosed, ignore authorization of the Deposit Account.)

___ No executed declaration.

Also enclosed are:

x Check for the filing fee of \$ 924.00

___ Small entity claim with a copy of this transmittal letter attached.

___ A Petition for Extension of Time for the parent application and the required fee.

08815745-031297

Utility Patent Application Transmittal Letter

Docket No. : 30473/RDS

- ☐ Sheet(s) of informal drawings, FIGS. 1 to ____ Formal drawings will be sent after Notice of Allowance.
- ☒ Sheet(s) of formal drawings, FIGS. 1 to 2.
- ☐ An Assignment of the invention with the Recordation Form Cover Sheet and the recordation fee.
- ☐ Other enclosures:

Authorization and Address for Correspondence:

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of the application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Please address all correspondence to **CHRISTIE, PARKER & HALE, LLP, P.O. Box 7068, Pasadena, CA 91109-7068.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By



Richard D. Seibel
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818/795-9900; 213/681-1800

RDS/mhl
MHL PAS76855.1-3/12/97 3:59 pm

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Dah-Ben Liang, et al.
Application No. : 08/815,745
Filed : March 12, 1997
Title : ROCK BIT WITH HARDFACING MATERIAL INCORPORATING
SPHERICAL CAST CARBIDE PARTICLES

Grp./Div. : Unknown
Examiner : Unknown

Docket : 30473/CM/S61

LETTER

Post Office Box 7068
Pasadena, CA 91109-7068
July 9, 1997

U.S. Patent and Trademark Office
Assignment Division
Box Assignments
North Tower Building
2800 Crystal Drive
Washington, D.C. 20231

Commissioner:

Applicant resubmits the original assignment. Enclosed is a cover sheet bearing a stamp with the official date of receipt and an attached corrected new assignment cover sheet and the required recordation fee pursuant to 37 C.F.R. §§ 3.34 and 3.41.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS
FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COM-
MISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON,
D.C. 20231 ON

July 9, 1997
(DATE SIGNED)

By

Constantine Marantidis

Reg. No. 39,759

626/795-9900; 213/681-1800

CM/mhl

MHL PAS92254.1*-7/9/97 2:28 pm